



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/658,313	09/09/2003	George C. Schedivy	8002A-67	3062
22150	7590	06/06/2005	EXAMINER	
F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797			HSIA, SHERRIE Y	
			ART UNIT	PAPER NUMBER
			2614	

DATE MAILED: 06/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/658,313

Applicant(s)

SCHEDIVY, GEORGE C.

Examiner

Sherrie Hsia

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-27,29 and 31-52 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4-27,29 and 31-52 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 102

2. Claims 1, 2, 4-27, 29 and 31-52 are rejected under 35 U.S.C. 102(e) as being anticipated by Tranchina (US 2002/0105507 A1)

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

As to claim 1, Tranchina shows at least one media player (115, Fig. 1), at least one display (117, 118, 19, Fig. 1), an assembly housing (101, Figs. 1, 5) and a wireless transmitter (112, page 3 paragraph 0027).

As to claim 2, Tranchina shows the wireless headphones (Fig. 1).

As to claims 4 and 5, the claimed limitations are disclosed by Tranchina (Figs. 1 and 2, pages 2 and 3 paragraph 0026 and page 3 paragraph 0029).

As to claim 6, the claimed multiplexer is met by the multiplexer 133 (page 2 paragraph 0024).

As to claims 7 and 8, the claimed limitations are disclosed by Tranchina (page 3

Art Unit: 2614

paragraph 0026).

As to claim 9, the claimed at lest one other wireless transmitter is met by the wireless transmitter (113, 114, Fig. 1).

As to claim 10, the claimed limitation is disclosed by Tranchina (Figs. 4-6).

As to claim 11, the claimed limitation is disclosed by Tranchina (Fig. 1).

As to claim 12, the claimed limitation is disclosed by Tranchina (Figs. 5 and 6).

As to claim 13, the claimed limitation is inherently disclosed by Tranchina (Fig. 1).

As to claims 14-17, the claimed limitations are disclosed by Tranchina (Fig. 5).

As to claims 18-20, the claimed limitation is inherently disclosed by Tranchina (Fig. 6, page 4 paragraph 0046).

As to claims 21 and 22, the claimed limitation is disclosed by Tranchina (Figs. 4-6).

As to claim 23, Tranchina shows at least one media player (115, Fig. 1), at least one display (117, 118, 19, Fig. 1), an assembly housing (101, Figs. 1, 5), a first bag (Fig. 5) and a wireless transmitter (112, page 3 paragraphs 0026 and 0027).

As to claim 24, the claimed limitation is inherently disclosed by Tranchina (Figs. 1, 5).

As to claims 25-27, the claimed limitation is inherently disclosed by Tranchina (Fig. 6, page 4 paragraph 0046).

As to claim 29, the claimed limitation is disclosed by Tranchina (Figs. 1 and 2, pages 2 and 3 paragraph 0026 and page 3 paragraph 0029).

As to claim 31, the claimed at lest one wireless transmitter is met by the wireless transmitter (113, 114, Fig. 1).

As to claim 32, the claimed limitation is disclosed by Tranchina (Fig. 1).

Art Unit: 2614

As to claim 33, the claimed limitation is disclosed by Tranchina (Figs. 5 and 6).

As to claim 34, the claimed limitation is inherently disclosed by Tranchina (Fig. 1).

As to claims 35 and 36, the claimed limitation is disclosed by Tranchina (Figs. 4-6).

As to claim 37, the claimed limitation is disclosed by Tranchina (Fig. 6, page 4 paragraphs 0045, 0046).

As to claim 38, Tranchina shows first and second media players (115, Fig. 1), at least one display (117, 118, 19, Fig. 1), an assembly housing (101, Figs. 1, 5) and a bag (Fig. 5).

As to claims 39-41, the claimed limitations are disclosed by Tranchina (Fig. 1).

As to claims 42-45, the claimed limitations are disclosed by Tranchina (Figs. 1 and 2, page 2 paragraph 0021, pages 2 and 3 paragraph 0026 and page 3 paragraph 0029).

As to claim 46, the claimed limitation is disclosed by Tranchina (Fig. 2).

As to claim 47, the claimed limitation is disclosed by Tranchina (Fig. 1).

As to claim 48, the claimed limitation is disclosed by Tranchina (Figs 5 and 6, page 3 paragraph 0029 and page 4 paragraphs 0044 and 0046).

As to claim 49, the claimed limitation is disclosed by Tranchina (Fig. 1, page 2 paragraph 0020).

As to claim 50, the claimed limitations are disclosed by Tranchina (Fig. 5).

As to claim 51, Tranchina shows at least one media player (115, Fig. 1), at least one display (117, 118, 19, Fig. 1), an assembly housing (101, Figs. 1, 5) and a wireless transmitter (112, page 3 paragraph 0027).

As to claim 52, Tranchina shows at least one media player (115, Fig. 1), at least one display (117, 118, 19, Fig. 1) and an assembly housing (101, Figs. 1, 5), wherein the at least one

Art Unit: 2614

display is capable of being mounted to the assembly housing in a first position and a second position reversed from the first position (page 4 paragraph 0044).

3. Claims 23-27, 29, 32, 34, 35-48 and 50 are rejected under 35 U.S.C. 102(b) as being anticipated by Meritt (6216927) of record.

As to claim 23, Meritt shows at least one media player (3, Fig. 1), at least one display (16, Fig. 1), an assembly housing (50, Fig. 1), a first bag (the first case 1) and a wireless transmitter (column 5 lines 22-27), wherein the wireless transmitter is capable of simultaneously transmitting each of a plurality of wireless signals on a different channel and at a different frequency (column 5 lines 19-28).

As to claim 24, the input ports and output ports are disclosed by Meritt.

As to claims 25-27, Meritt shows a second bag including at least one opening (the second case 2).

As to claim 29, the claimed limitation is inherently disclosed by Meritt (TV and video cassette player or other players).

As to claim 32, Meritt discloses the claimed limitation (column 5 line 30, column 8 lines 12-16).

As to claim 34, Meritt inherently shows the claimed limitation.

As to claim 35, Meritt discloses the claimed limitation (Figs. 3 and 4).

As to claim 36, the claimed limitation is disclosed by Meritt (column 7 lines 7-14).

As to claim 37, Meritt discloses the claimed limitation (Fig. 3).

As to claims 38-42, 48 and 50, Meritt shows first and second media players (TV and

Art Unit: 2614

video cassette player or other players 3, 16, Fig. 1, column 5 lines 13-19, column 8 lines 9-20), at least one display (16, Fig. 1), an assembly housing (50, Fig. 1, 5), a bag (the first case 1).

As to claim 43, the claimed limitation is disclosed by Meritt (column 5 lines 22-27).

As to claim 44, the claimed limitation is disclosed by Meritt (Fig. 4).

As to claim 45, the claimed limitation is disclosed by Meritt (column 5 lines 22-27, Fig. 4).

As to claim 46, the claimed limitation is disclosed by Meritt (column 5 lines 11-28).

As to claim 47, the claimed jacks are inherently disclosed by Meritt.

Claim Rejections - 35 USC § 103

4. Claims 1, 4, 5, 7-22, 33, 49, 51 and 52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meritt (6216927) of record.

As to claims 1, 49 and 51, Meritt shows at least one media player (3, Fig. 1), at least one display (16, Fig. 1), an assembly housing (50, Fig. 1) and a wireless transmitter (column 5 lines 22-27). Meritt does not show the wireless transmitter which wirelessly transmits at least one of the first video signal and the first audio signal to at least one other display. However, the wireless transmitter operative transmits data to one or more peripheral devices are well known in the art. The examiner takes Official Notice that the wireless transmitter are well known and widely used in the art to transmit the data to other devices, and therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Meritt by using the wireless transmitter to transmit the signal to other displays in order to provide easy and economical

Art Unit: 2614

installation and allow the devices to be freely moved.

As to claim 4, the claimed limitation is inherently disclosed by Meritt (TV and video cassette player or other players).

As to claims 5 and 7, the claimed limitations are inherently disclosed by Meritt (column 5 lines 19-28).

As to claim 8, Meritt shows the wireless transmitter is capable of wirelessly transmitting signals using radio frequency (column 5 lines 22-27).

As to claim 9, the claimed limitation is disclosed by Meritt (column 5 lines 24-28).

As to claim 10, Meritt shows the at least one display (16, Fig. 1) is coupled to the at least one media layer (3, Fig. 1) and is capable of receiving one of video signal and audio signal via a physical connection (column 5 lines 4-8).

As to claim 11, Meritt discloses the claimed limitation (column 5 line 30, column 8 lines 12-16).

As to claims 12 and 33, Meritt does not show the type of the digital video disk player explicitly. However, the slot type or drawer type or clamshell type DVD player is well known in the art. It would have been obvious matter of design choice to modify Meritt by using such well known type (slot drawer or clamshell) of digital video disk player, since applicant has not disclosed that having the particular type of DVD player solves any stated problem or is for any particular purpose and it appears that the system of Meritt would perform equally well with any type of DVD player.

As to claim 13, Meritt inherently shows the claimed limitation.

As to claims 14 -17, Meritt shows a bag includes at least one opening or a plurality of

Art Unit: 2614

openings (the first case1).

As to claims 18-20, Meritt shows a bag including at least one opening (the second case 2).

As to claim 21, Meritt discloses the claimed limitation (Figs. 3 and 4).

As o claim 22, the claimed limitation is disclosed by Meritt (column 7 lines 7-14).

As to claim 52, Meritt discloses the claimed invention except the at least one display which is capable of being mounted to the assembly housing in a first position and a second position reversed from the first position. The examiner takes Official Notice that the media player with swivel screen is well known and widely used in the art to view the image, and therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Meritt by mounting the display in a first position an a second position reverse from the first position (180 degree rotating screen) or optimal viewing.

5. Claims 2 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Meritt in view of Chang (6409242) of record.

Meritt shows the claimed invention except wireless headphones. Chang shows the wireless headphones (column 3 lines 41-42). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Meritt by using wireless headphones as taught by Chang in order to reduce the level of disturbance to the driver.

6. Claims 1, 2, 8, 10-12, 14-17 and 51 are rejected under 35 U.S.C. 103(a) as being unpatentable over Adams (6380978) of record.

Art Unit: 2614

As to claims 1 and 51, Adams shows at least one media player (10, Figs. 1A, 1B), at least one display (14, Fig. 1B), an assembly housing (12, Figs. 1A, 1B) and a wireless transmitter (column 7 lines 23-26). Adams does not show the wireless transmitter which wirelessly transmits at least one of the first video signal and the first audio signal to at least one other display. However, the wireless transmitter operative transmits data to one or more peripheral devices are well known in the art. The examiner takes Official Notice that the wireless transmitter are well known and widely used in the art to transmit the data to other devices, and therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Adams by using the wireless transmitter to transmit the signal to other displays in order to provide easy and economical installation and allow the devices to be freely moved.

As to claim 2, Adams shows the wireless headphones (column 7 lines 23-26).

As to claim 8, Adams shows the wireless transmitter is capable of wirelessly transmitting signals using infrared frequency (column 7 lines 23-26).

As to claim 10, Adams shows the at least one display (14, Fig. 1B) is coupled to the at least one media player (10, Figs. 1A, 1B) and is capable of receiving one of video signal and audio signal via a physical connection (Figs. 1A, 1B).

As to claim 11, Adams discloses the claimed limitation (DVD player).

As to claim 12, Adams shows a drawer type digital video disk player (Figs. 1A, 1B).

As to claims 14-17, Adams does not show a bag. Using a bag for mounting the assembly housing on the seat or between two seats are well known in the art. The examiner takes Official Notice that the bag is well known and widely used in the art to mount the display and media

Art Unit: 2614

player on the seat or between the seats in the vehicle and therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Adams by using the a bag to mount the assembly housing on the set or between the seats in the vehicle in order to allow the system to be easily remove and transferred to another vehicle or remote location.

7. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Adams in view of Meritt of record.

Adams shows the claimed invention except for the at least one media player includes a door that pivots. Meritt inherently show the media player which includes a door that pivots. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Adams by utilizing the media player with a door the pivots as taught by Meritt in order to allow the user to insert storage medium.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chang (6871356) discloses a mobile video system.

Wu (5016849) shows a swivel mechanism for a monitor of laptop computer.

Ohgami (5168423) shows a portable electronic apparatus having a display unit rotating in vertical and horizontal directions.

Art Unit: 2614

Van Ryzin (6131130) discloses a system for convergence of a personal computer with wireless audio/video devices wherein the audio/video devices are remotely controlled by a wireless peripheral.

Swaim (6685016) shows an entertainment system comprising suspension platform.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sherrie Hsia whose telephone number is (571) 272-7347.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (571) 272-7353.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Any response to this action should be mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Or faxed to:

(703) 872-9306

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service Office whose telephone number is (703) 308-HELP.


Sherrie Hsia
Primary Examiner
Art Unit 2614

SH
May 31, 2005